

FIG. 1

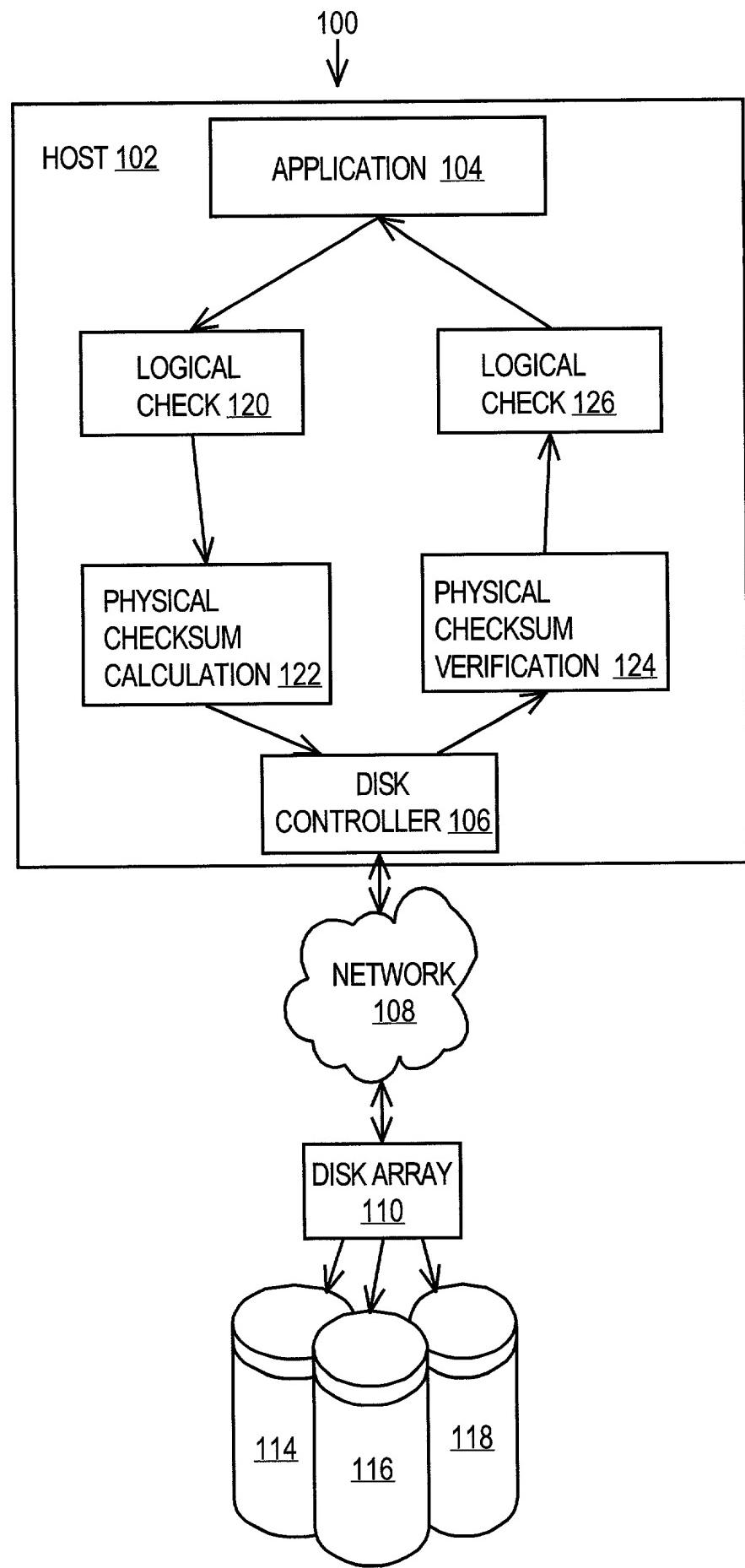


FIG. 2

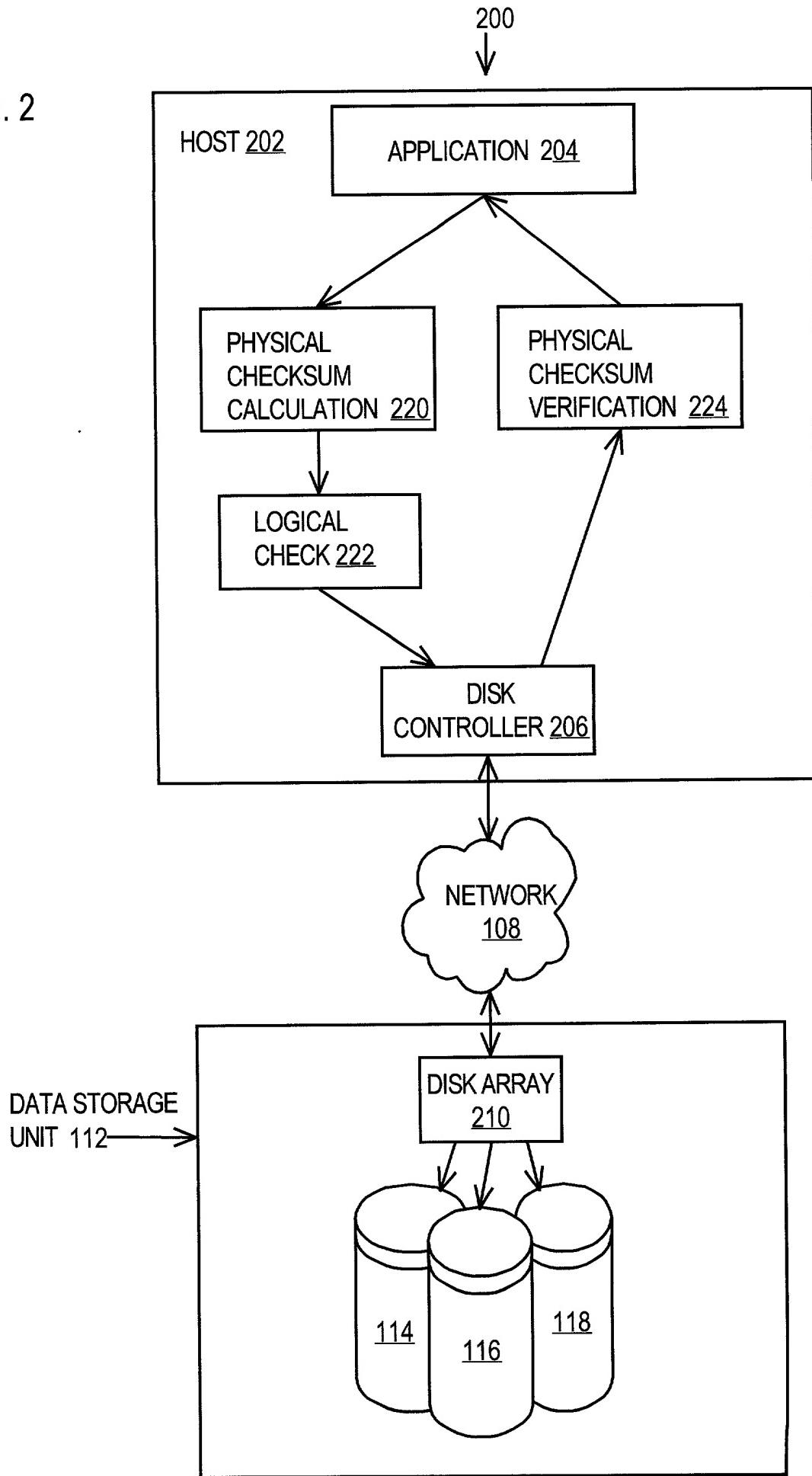


FIG. 3A

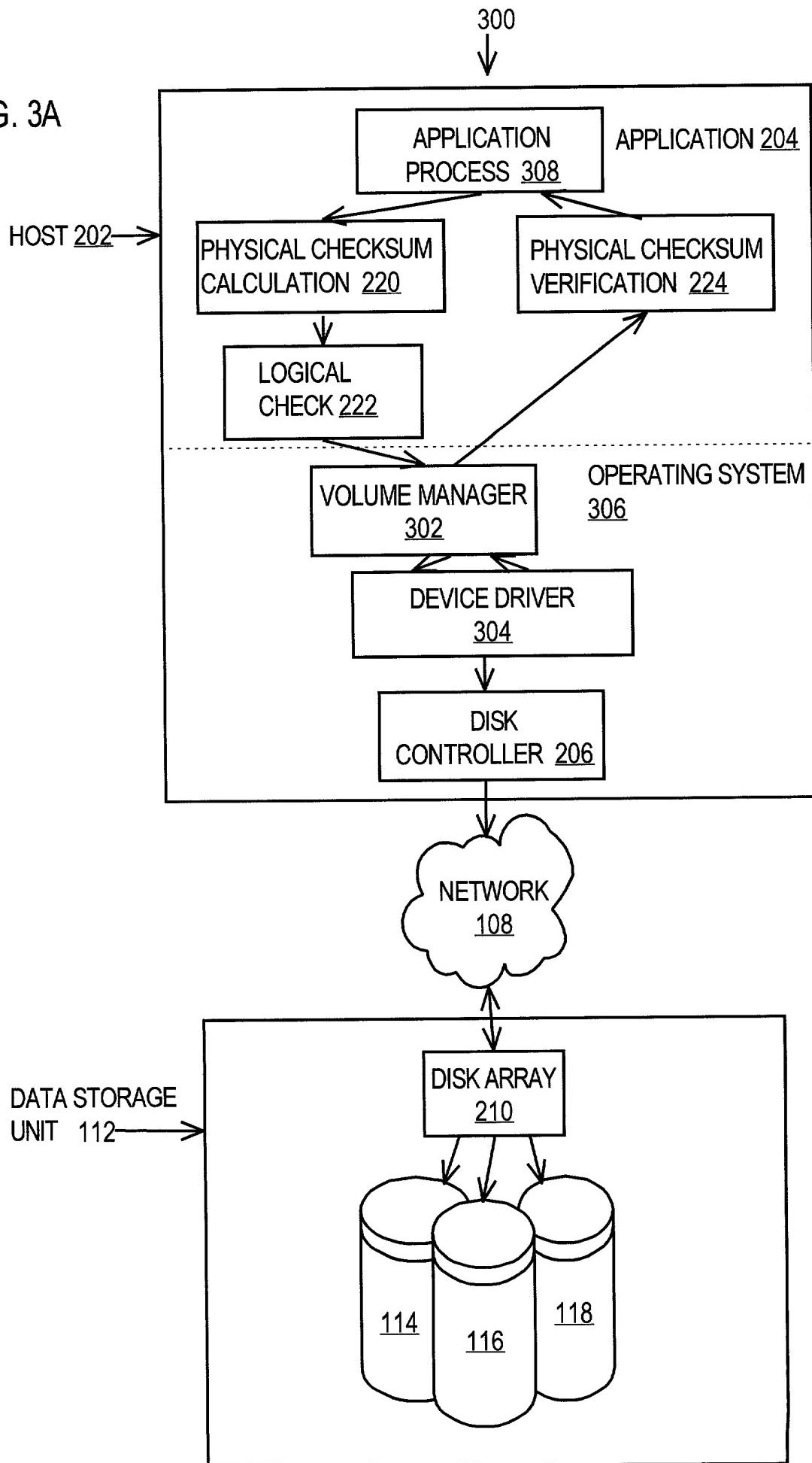
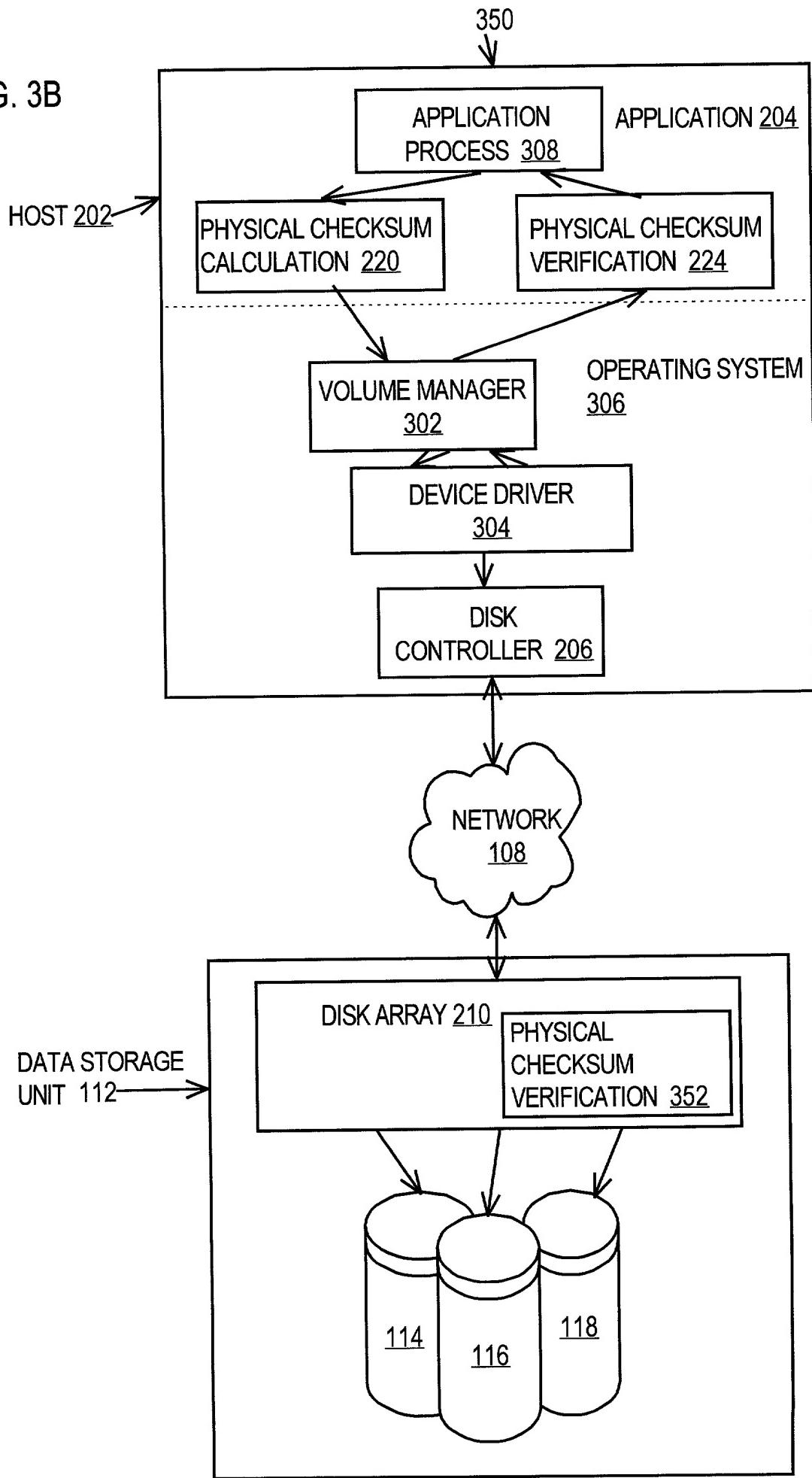


FIG. 3B



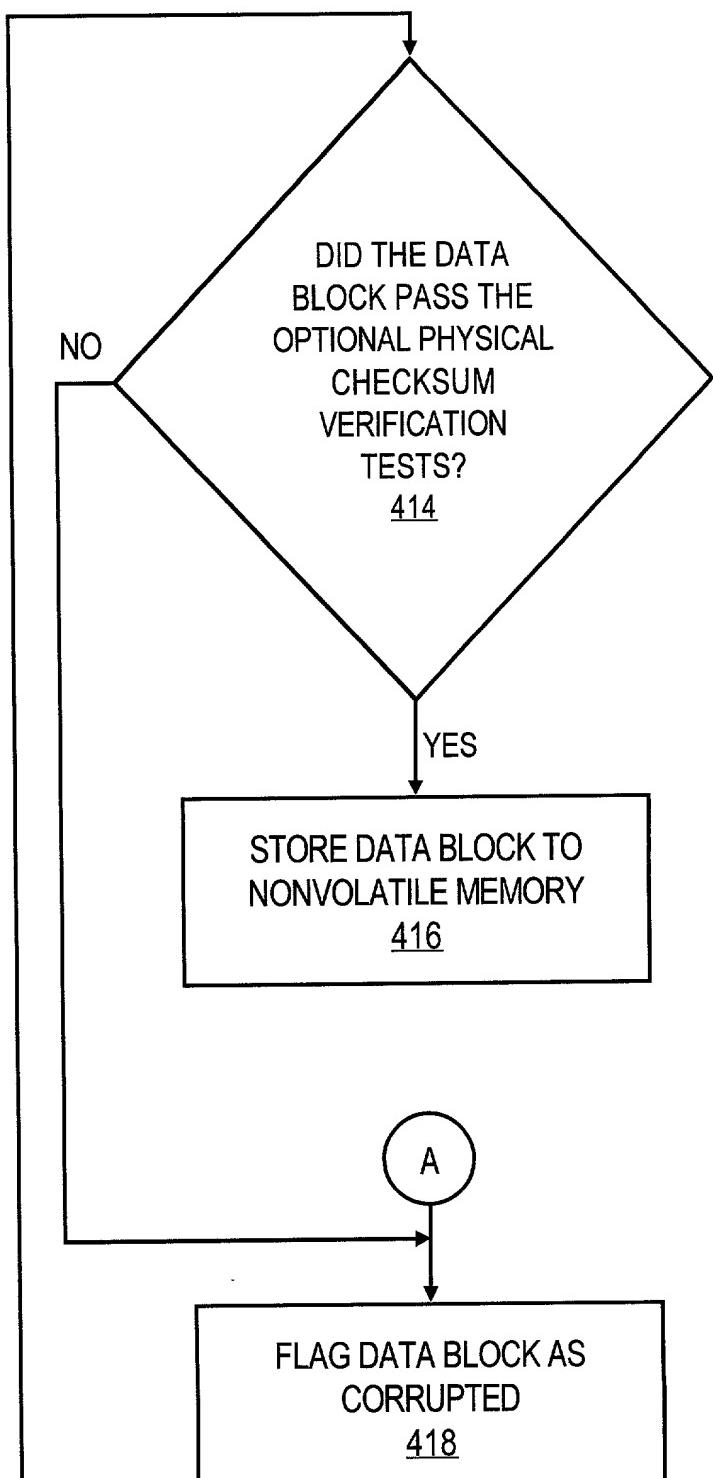
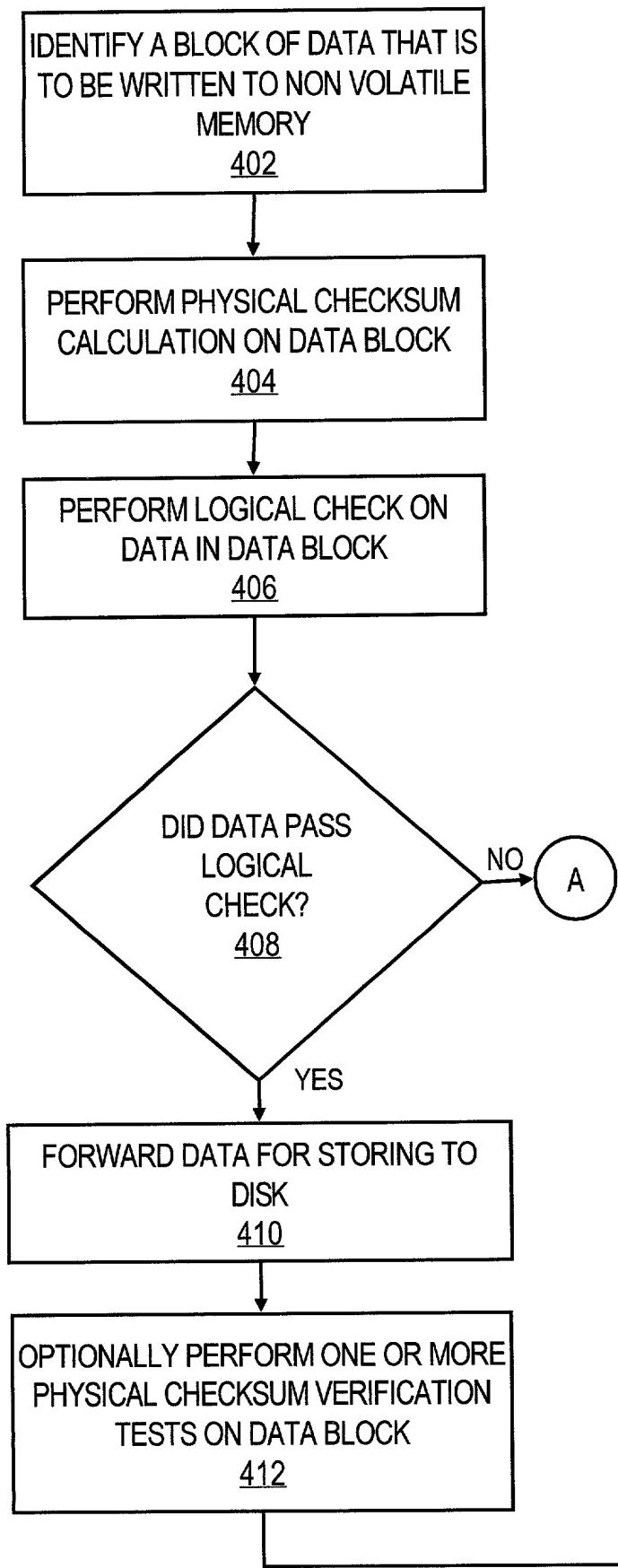


FIG. 4A

FIG. 4B

REDACTED

IDENTIFY A BLOCK OF DATA
THAT IS TO BE READ FROM
NONVOLATILE MEMORY
452

RETRIEVE THE DATA BLOCK
FROM NONVOLATILE MEMORY
454

OPTIONALLY PERFORM ONE OR
MORE PHYSICAL CHECKSUM
VERIFICATION TESTS ON THE
DATA BLOCK
456

DID THE DATA BLOCK
PASS THE OPTIONAL
PHYSICAL CHECKSUM
VERIFICATION
TESTS?
458

NO
B

FORWARD DATA BLOCK TO
REQUESTING APPLICATION
460

PERFORM PHYSICAL
CHECKSUM VERIFICATION TEST
ON THE DATA BLOCK
462

NO
DID THE DATA
BLOCK PASS THE
PHYSICAL
CHECKSUM
VERIFICATION
TEST?
464

YES

USE DATA WITHIN THE
DATA BLOCK
466

B

FLAG DATA BLOCK AS
CORRUPTED
468

FIG. 5

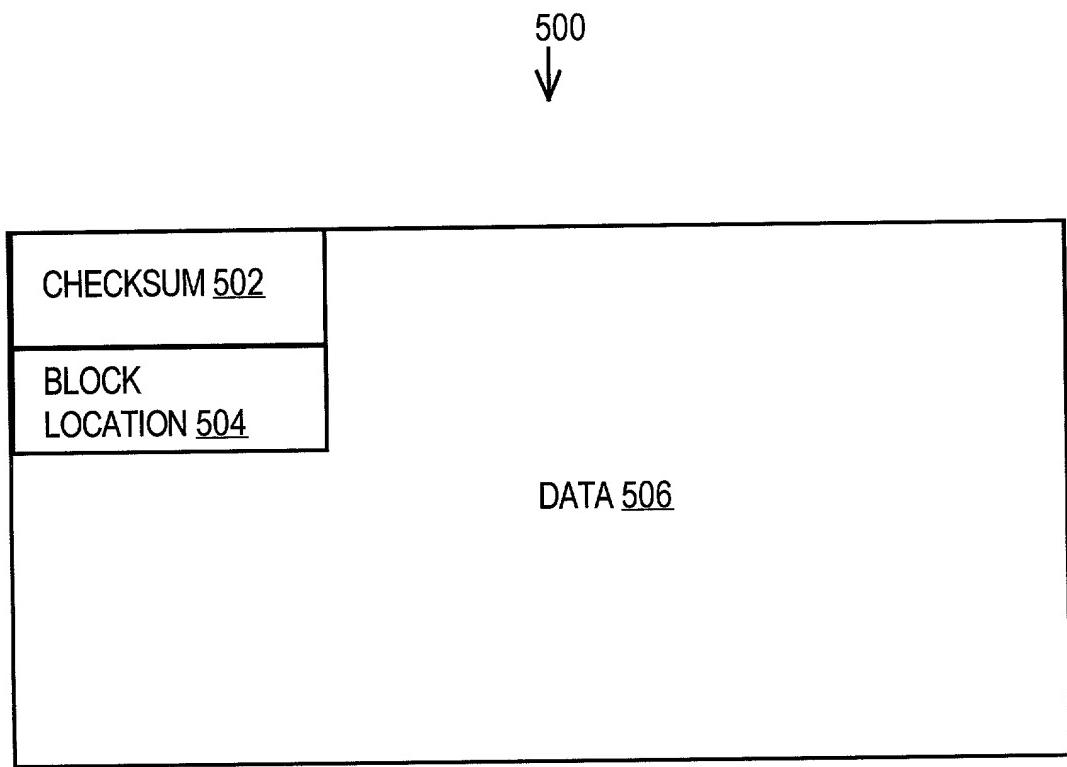


FIG. 6

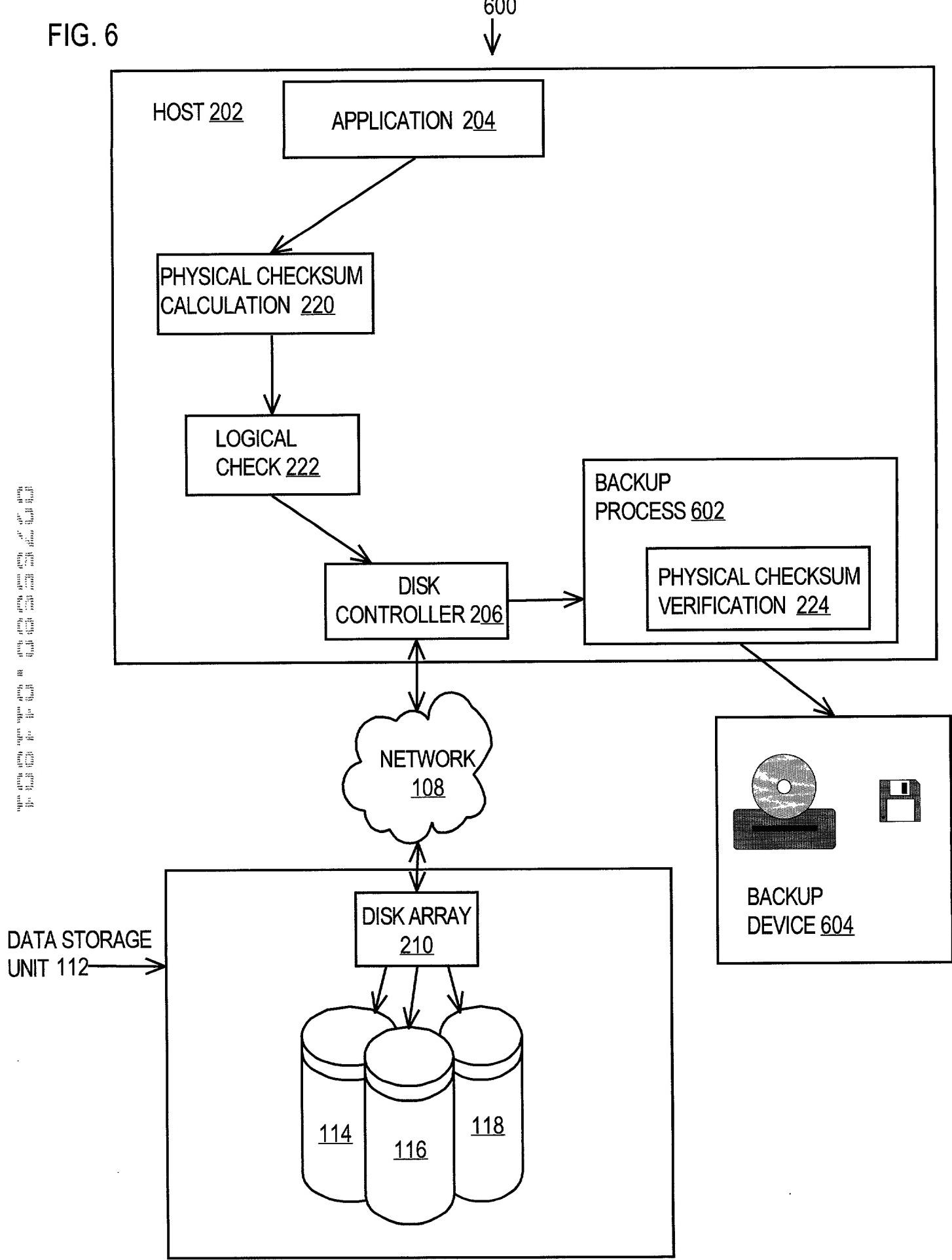


FIG. 7

